

IN THE CLAIMS

- Claim 1 (Twice Amended) A washer system for an automotive vehicle, comprising:
- a first reservoir containing a freezable fluid;
 - a second reservoir containing freeze-resistant fluid;
 - a mixer for instantaneously combining fluids from the first and second reservoirs;
 - a fluid distribution system, operatively associated with said mixer, for consuming all of the fluid passing through the mixer, at the time the fluid is mixed; and
 - a controller, operatively connected with the mixer, for determining a relative proportion for combining the fluids from said first and second reservoirs.
- Claim 2 (Original): An automotive washer system according to Claim 1, further comprising a temperature sensor operatively connected with said controller, with said controller determining said relative proportion based at least in part upon an output from said sensor.
- Claim 3 (Original): An automotive washer system according to Claim 2, wherein said controller further comprises a memory for storing values corresponding to said relative proportion and to the temperature output of said sensor.
- Claim 4 (Original): An automotive washer system according to Claim 3, further comprising a heater for increasing the temperature of fluid within said mixer, with said heater being operated by said controller such that said heater is energized according to the stored values of temperature and fluid proportion.
- Claim 5 (Previously presented) An automotive washer system according to Claim 1, further comprising a temperature sensor operatively connected with said controller with said fluid distribution system having a heater operated by the controller according to at least the output of said sensor.
- Claim 6 (Twice Amended) A temperature adaptive automotive washer system comprising:
- a first reservoir containing a freezable fluid;
 - a second reservoir containing a freeze-resistant fluid;

a mixer for instantaneously combining fluids from the first and second reservoirs;
a fluid distribution system operatively associated with said mixer, with said fluid distribution system consuming all of the combined fluid at the time the fluid is combined;
a heater for increasing the temperature of at least a portion of said fluid distribution system;
a temperature sensor for measuring a temperature of at least a portion of said washer system; and
a controller, operatively connected with the mixer, the temperature sensor, and the heater, with said controller determining a relative proportion for combining the fluids from said first and second reservoirs and operating the heater, as a function of at least the temperature measured by the temperature sensor.

Claim 7 (Original): An automotive washer system according to Claim 6, wherein said controller comprises a memory for storing a temperature value corresponding to the temperature of at least a portion of the fluid distribution system and the mixer each time fluid passes through the fluid distribution system, with said controller operating the heater as a function of at least a previously stored value of said temperature.

Claim 8 (Original): An automotive washer system according to Claim 6, wherein said controller determines said relative proportion so as to use a minimum amount of fluid from said second reservoir.

Claim 9 (Canceled)

Claim 10 (Canceled)